

## EAST Search History

| Ref # | Hits | Search Query                                                                                                         | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| S1    | 14   | ((("20040117572") or ("6721767") or ("5604862") or ("6021475") or ("6631477") or ("20020174416") or ("6311193")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/11 14:39 |
| S2    | 450  | kusters.in.                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 16:40 |
| S3    | 13   | S2 and snapshot                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 16:47 |
| S4    | 2632 | snapshot near2 (data or volume or lun)                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 17:11 |
| S5    | 3259 | snapshot near3 (data or volume or lun)                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 17:12 |
| S6    | 1609 | S5 and ((remote or second or secondary or backup) near2 (storage or server or system))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 17:13 |
| S7    | 137  | S5 and ((index or indexing or metadata) near2 snapshot)                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/05/10 14:48 |
| S8    | 73   | S7 and (@ad<"20021007")                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/01/16 17:14 |

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|     |    |                                                                                         |                                                                   |     |     |                  |
|-----|----|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----|-----|------------------|
| S9  | 5  | ((delete or remove) near2 snapshot) with (full or space)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/10 14:48 |
| S10 | 5  | ((delete or remove or prune or expire) near2 snapshot) with (full or space)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/10 14:49 |
| S11 | 6  | ((delete or remove or prune or expire) near3 snapshot) with (full or space)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/10 14:49 |
| S12 | 25 | ((delete or remove or prune or expire) near3 (snapshot or backup)) with (full or space) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/10 14:50 |
| S13 | 37 | (automatic or automated) near2 snapshot                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/10 14:58 |
| S14 | 2  | ("5638509").PN.                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/10 15:48 |
| S15 | 2  | ("20010029517").PN.                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/11 12:37 |
| S16 | 10 | 09/774,302                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 12:38 |

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|     |       |                                                                                                                                                                          |                                                                   |     |     |                  |
|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----|-----|------------------|
| S17 | 30735 | (time or age) near2 (delete or remove)                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:39 |
| S18 | 3519  | snapshot near3 (data or volume or lun)                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:39 |
| S19 | 31    | S17 and S18                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:42 |
| S20 | 0     | overcommit with snapshot                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S21 | 0     | overcommit same snapshot                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S22 | 0     | overcommit and snapshot                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S23 | 82    | ("4310883"   "5086502"   "5163148"   "5210866"   "5239647"   "5247660"   "5263154"   "5276860"   "5276867"   "5367698"   "5386545"   "5403639").PN. OR ("5604862").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | OFF | 2007/05/11 15:35 |